Philips
LCD widescreen monitor

24" wide
WUXGA

240BW9CB

WideColor ergonomic display to boost your business

With high resolution, legible text size, a larger viewing area plus convenient built-in speakers, this Philips 240BW9 boots your business productivity - and is ready for immediate or future upgrade to Windows Vista.

Outstanding front of screen performance
- SmartImage: For an optimized display experience
- A wider color display for Natural, Brilliant colors
- SmartContrast: Dynamic,optimized contrast for visual clarity

Eco-friendly design
- Green design conserves resources and reduces operating costs

Designed for maximum productivity
- TrueVision ensures top quality LCD display delivered to you
- 1920 x 1200 resolution: Ideal for two A4 pages side-by-side

Great convenience
- Dual input accepts both analog VGA and digital DVI signals
- Hassle-free display performance tuning with SmartControl II
- Auto picture format control switching in wide and 4:3 format
- USB port for convenient peripheral connections
- Built in stereo audio for a clutter-free desktop

PHILIPS
sense and simplicity

LCD widescreen monitor
24" wide WUXGA

240BW9CB/69

Specifications

Picture/Display
- Panel Size: 24" / 61.1 cm
- LCD panel type: 1920 x 1200 pixels, Anti-glare polarizer, RGB vertical stripe
- Recommended Resolution: 1920 x 1200 @ 60Hz
- Maximum Resolution: 1920 x 1200 @ 60Hz
- Display colors: 16.7 M
- Aspect ratio: 16:10
- Brightness: 400 cd/m²
- Contrast ratio (typical): 1000 : 1
- SmartContrast ratio (dynamic): 10000:1
- Wide Color Gamut display: 92% NTSC Color Gamut
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- Effective viewing area: 518.4 mm x 324 mm
- Horizontal Scanning Frequency: 24 -94 KHz
- Vertical Scanning Frequency: 48 - 85 Hz
- Pixel pitch: 0.270 x 0.270 mm
- sRGB

Connectivity
- Signal Input: Analog (VGA), DVI-D, PC Audio in
- USB: 1 x USB 2.0
- Audio output: Stereo Audio (3.5 mm jack) 1x
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green

Convenience
- Convenience Enhancements: SmartControl II, SmartManage enabled, Picture format selection, On-screen Display
- Built-in Audio: 1.5 W x 2
- Monitor Controls: Auto (Back), Brightness (Up), Menu (OK), Power On/Off, SmartImage, Volume control (Down)
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista
- Regulatory Approvals: CE Mark, Energy Star, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- Height Adjustment: 70 mm
- Swivel: +/- 45°
- Tilt: -5° to 20°
- Other convenience: Kensington lock compatible
- VESA Mount: 100 x 100 mm

Dimensions
- Set dimensions with stand (W x H x D): 559 x 494 x 220 mm
- Set dimensions with stand in inch (W x H x D): 22.0 x 19.45 x 8.66 inch
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Set dimensions (W x H x D): 559 x 381 x 75 mm
- Set dimensions in inch (W x H x D): 22.0 x 15.0 x 2.95 inch
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Box dimensions (W x H x D): 638 x 563 x 195 mm
- Box dimensions in inch (W x H x D): 25.12 x 22.17 x 7.68 inch
- Product weight (+stand): 6.4 kg
- Product weight (+stand) (lb): 14.1 lb
- Weight incl. Packaging: 8.4 kg
- Weight incl. Packaging (lb): 18.52

Power
- Consumption: < 85 W (typical)
- Consumption (economy mode): 41 W
- Complies with: Energy Star
- Off Mode: < 1 W
- Power LED indicator: Operation - Blue, Stand by/ sleep -blue(blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

SmartImage
SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

WideColor(92%)
WideColor is an LCD monitor that puts powerful, enhanced wide color gamut cold cathode florescent lamp back lighting and superior processing to work to expand the color range from the 72% of the NTSC color gamut reproduced by standard LCD panels to 92% or above, dramatically improving color purity and saturation to display natural, brilliant color.

TrueVision
TrueVision is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

SmartContrast
SmartContrast is Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and optimum contrast for more entertainment fun when viewing videos or playing games where dark hues are displayed; when you select the Economy mode, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

SmartControl II
SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

Auto picture format control
Philips auto picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.

Eco-friendly design
Green design is based on environmentally conscious engineering of a display device to minimize power consumption, reduce packing materials and eliminate environmentally sensitive materials.

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